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<!--StartFragment-->RESULT 2
US-10-360-522-54
; Sequence 54, Application US/10360522
; GENERAL INFORMATION:
; APPLICANT: Allefs, Josephus J.H.M.
; APPLICANT: Vossen v.d., Edwin A.G.
; TITLE OF INVENTION: NUCLEIC ACID ENCODING PRODUCT THAT PROVIDES PLANTS WITH
; TITLE OF INVENTION: FUNGAL RESISTANCE AND RELATED METHODS
; FILE REFERENCE: U 014413-9
; CURRENT APPLICATION NUMBER: US/10360,522
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: EP 02075565.8
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: PCT/NL03/00091
; PRIOR FILING DATE: 2003-02-07
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 970
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: deduced
; OTHER INFORMATION: Rpi-bib protein sequence domain A, B and C
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1)..(970)
US-10-360-522-54

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Query Match      99.8%;  Score 5045;  DB 33;  Length 970;
Best Local Similarity 99.8%;  Pred. No. 0;
Matches 968;  Conservative  1;  Mismatches  1;  Indels  0;  Gaps  0;

Qy      1 MAEAFIQVLLDNLTSFLKGELVLLFGFQDEFQRLSSMFSTIQAVLEDAQEQLQNNKPLEN 60
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Db      1 MAEAFIQVLLDNLTSFLKGELVLLFGFQDEFQRLSSMFSTIQAVLEDAQEQLQNNKPLEN 60
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Qy      61 WLQKLNAAATYEVDDILDEYKTKATRFSQSEYGRYHFKVIPFRHKVGKRMQVVMKKLKAIA 120
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Db      61 WLQKLNAAATYEVDDILDEYKTKATRFSQSEYGRYHFKVIPFRHKVGKRMQVVMKKLKAIA 120
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Qy      121 EERKNFHLHEKIVERQAVRRETGSVLTEPQVYGRDKEKEDEIVKILINNNSDAQHLSVLPI 180
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Db      121 EERKNFHLHEKIVERQAVRRETGSVLTEPQVYGRDKEKEDEIVKILINNNSDAQHLSVLPI 180
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Qy      181 LGMGGLGKTTLAQMVFNDQRVTEHFHSKIWICVSEDFDEKRLIKAIVESIEGRPLLGEMD 240
|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||_
Db      181 LGMGGLGKTTLAQMVFNDQRVTEHFHSKIWICVSEDFDEKRLIKAIVESIEGRPLLGEMD 240
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Qy      241 LAPLQKKLQELLNGKRYLLVLDDVNEDQQKWNANLRAVLKVGASGASVLTTTRLEKVGSI 300
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Qy      301 MGTLPQPYELSNLSQEDCWLFLMQRAGFHQEEINPNLVAIGKEIVKKSGGVPLAAKTLGGI 360
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Db      301 MGTLPQPYELSNLSQEDCWLFLMQRAGFHQEEINPNLVAIGKEIVKKSGGVPLAAKTLGGI 360
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Qy      361 LCFKREERAWEHVRDSPINLPQDESSILPALRLSYHQLPLDLKQCFAYCAVFPKDAKMK 420
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Db      361 LCFKREERAWEHVRDSPINLPQDESSILPALRLSYHQLPLDLKQCFAYCAVFPKDAKME 420
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Qy 421 KEKLISLWMAHGFLLSKGNMELVEDVGDEVWKELYLRSFFQEIEVKDGKTYFKMHDLIHDL 480
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 Db 421 KEKLISLWMAHGFLLSKGNMELVEDVGDEVWKELYLRSFFQEIEVKDGKTYFKMHDLIHDL 480
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 Qy 481 ATSLFSANTSSNIREINKHSYTHMMSIGFAEVVFFYTLPPLEKFISLRVLNLGDESTFNK 540
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 Qy 661 DMDAKEANLSAKGNLHSLSMSWNNFGPHIYESEEVKVLEALKPHSNLTSLKIYGFRRGHL 720
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 Db 721 PEWMNHSVLKNIISILISNFRNCSCLPFGDLPCLESLELHWGSADEVYVEVDIDVHSG 780
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 Qy 781 FPTTRIRFPSSLRKLDIWFDFGSLKGLLKKEGEEQFPVLEEMIIHECPFLTLSSNLRALTS LR 840
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 Db 781 FPTTRIRFPSSLRKLDIWFDFGSLKGLLKKEGEEQFPVLEEMIIHECPFLTLSSNLRALTS LR 840
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 Qy 841 ICYNKVATSFPEEMFKNLANLKYLTISRCNNLKELEPTSLASLNALKSLKIQQLCCALESLP 900
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 Db 841 ICYNKVATSFPEEMFKNLANLKYLTISRCNNLKELEPTSLASLNALKSLKIQQLCCALESLP 900
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 Db 901 EEGLEGSSLTELFVEMCNMLKCLPEGLQHLTTLTSLKIRGCPQLIKRCEKGIGEDWHKI 960
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 Qy 961 SHIPNVNIYI 970
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 Db 961 SHIPNVNIYI 970
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